

FIG. 1

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60

	1: A B C D E
	2: X Y Z D E
Filters:	3: A Y C D E
	4: A B C F E
	5: A Q B F E
	6: X Y A B C
	7: A B C D E

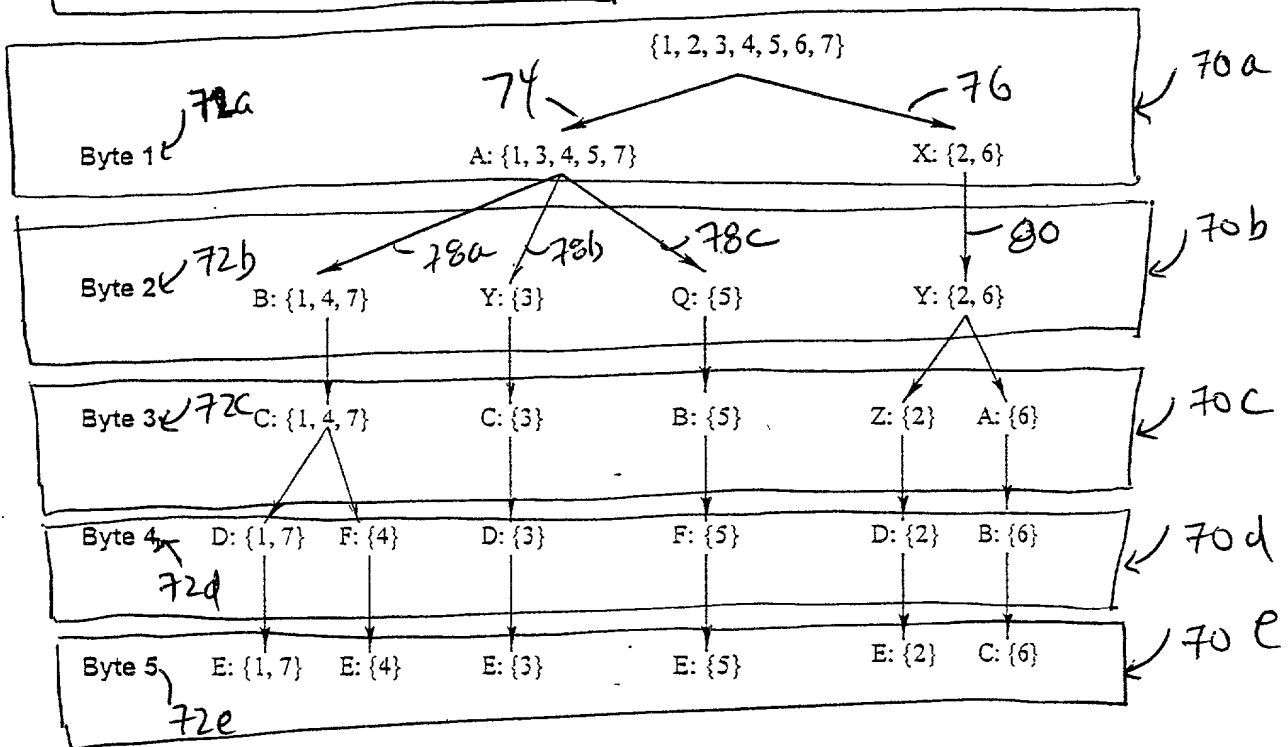


FIG. 2

50  
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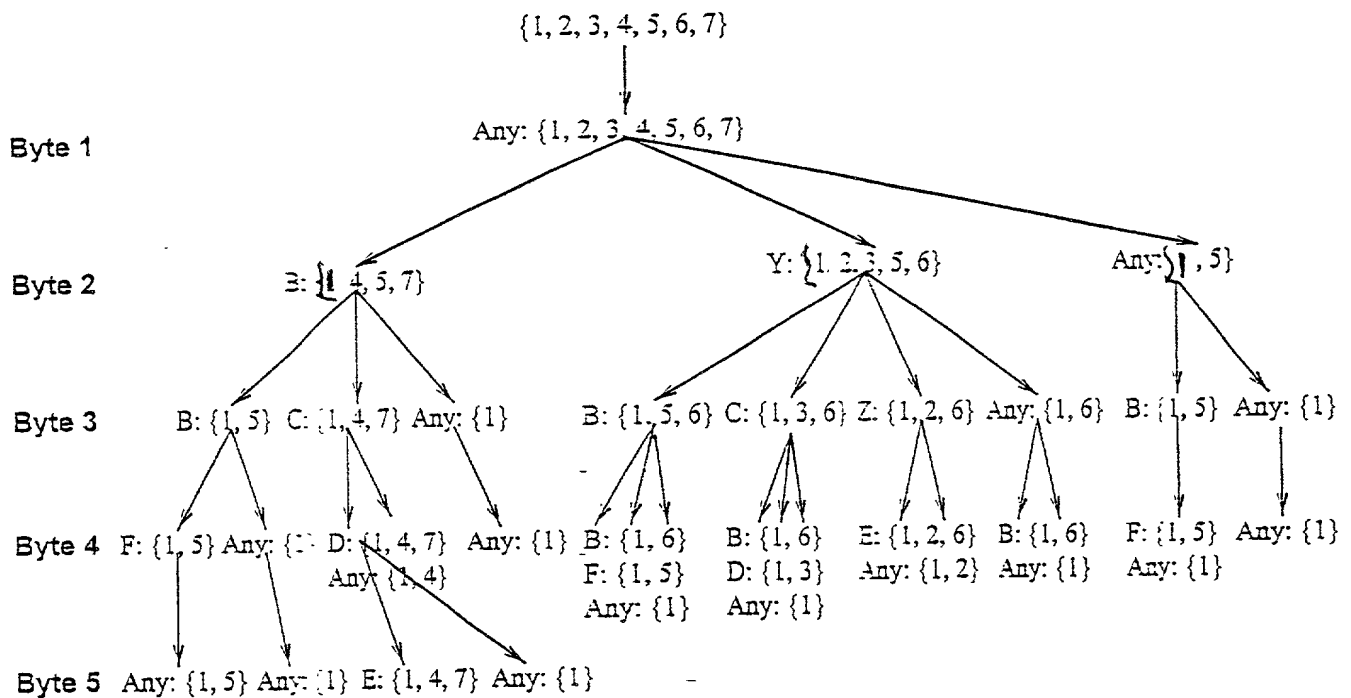
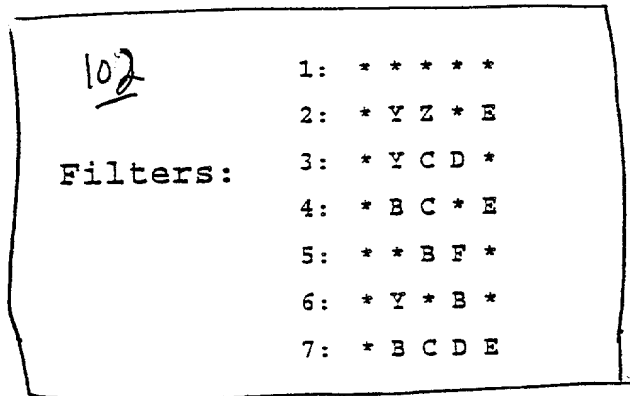


FIG. 3

100

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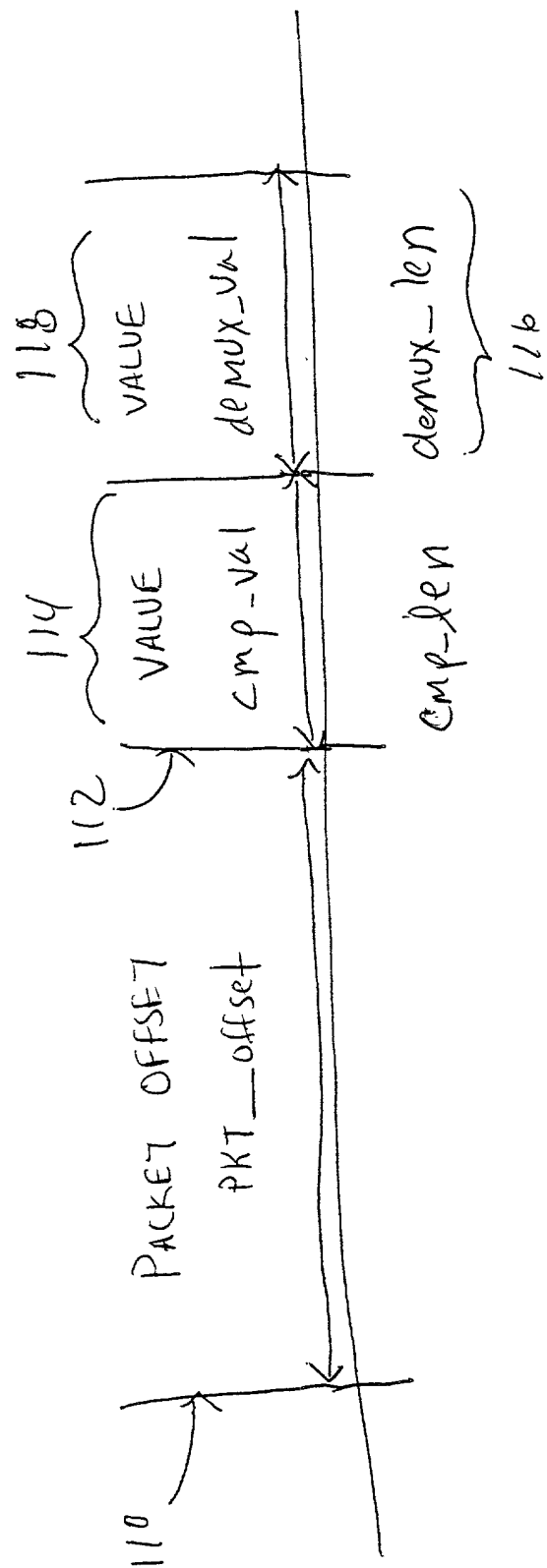
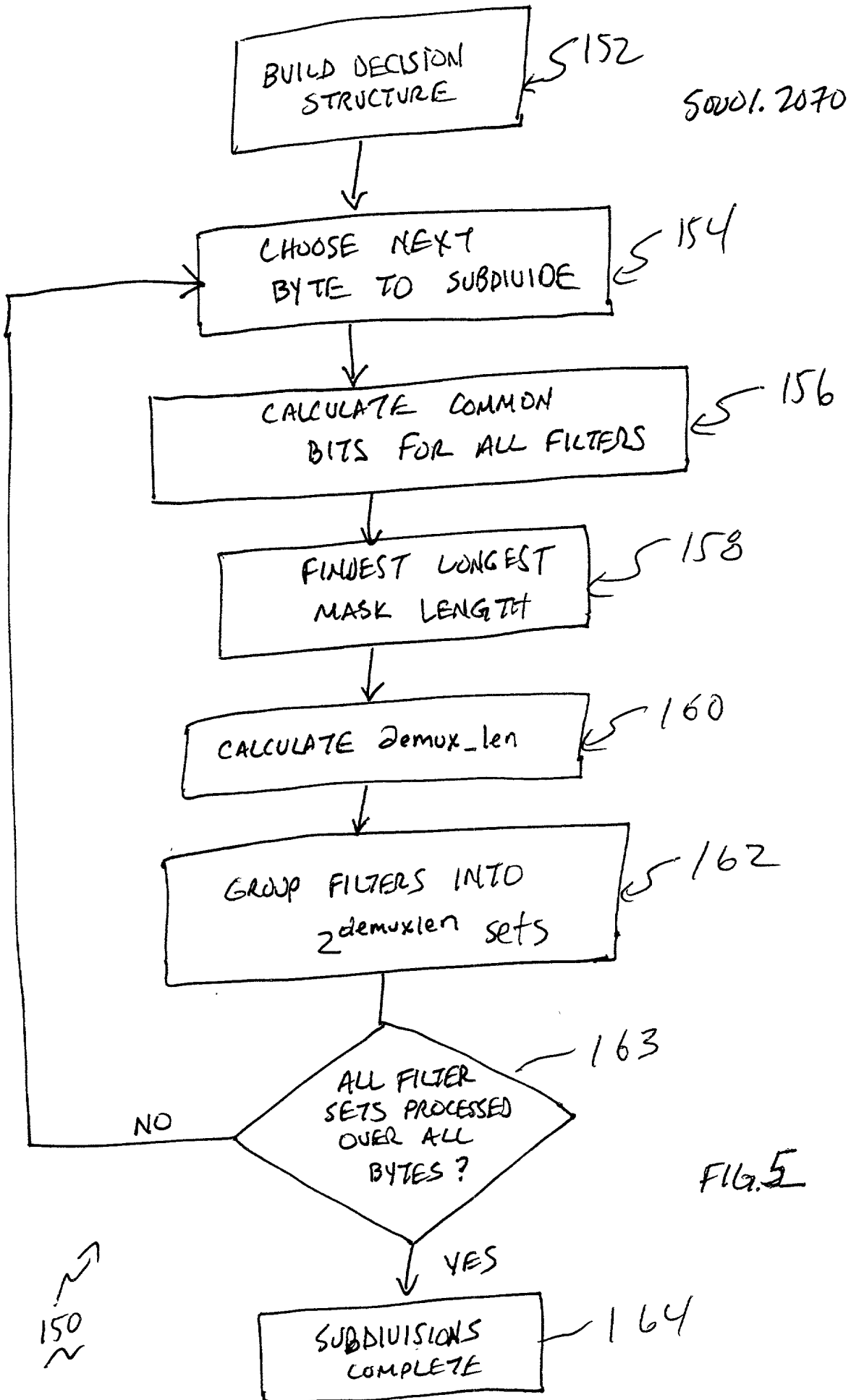


Fig. 4



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Filters: f1: 1.2.3.4/32  
f2: 1.5.0.0/16  
f3: 1.2.0.0/16

```
1  cmpdemux(cmp_len = 7, cmp_val = 0, demux_len = 1)
    0          No Matches (leaf)
    1          {f1, f2, f3} goto 2
    NoMatchCase No Matches (leaf)

2  cmpdemux(cmp_len = 5, cmp_val = 0, demux_len = 3)
    000          No Matches (leaf)
    001          No Matches (leaf)
    010          {f1, f3} goto 3
    011          No Matches (leaf)
    100          No Matches (leaf)
    101          {f2} (leaf)
    110          No Matches (leaf)
    111          No Matches (leaf)
    NoMatchCase No Matches (leaf)

3  cmpdemux(cmp_len = 7, cmp_val = 1, demux_len = 1)
    0          {f3} (leaf)
    1          {f1, f3} (leaf)
    NoMatchCase {f3} (leaf)

4  cmpdemux(cmp_len = 7, cmp_val = 2, demux_len = 1)
    0          {f1, f3} (leaf)
    1          {f3} (leaf)
    NoMatchCase {f3} (leaf)
```

FIG. 6

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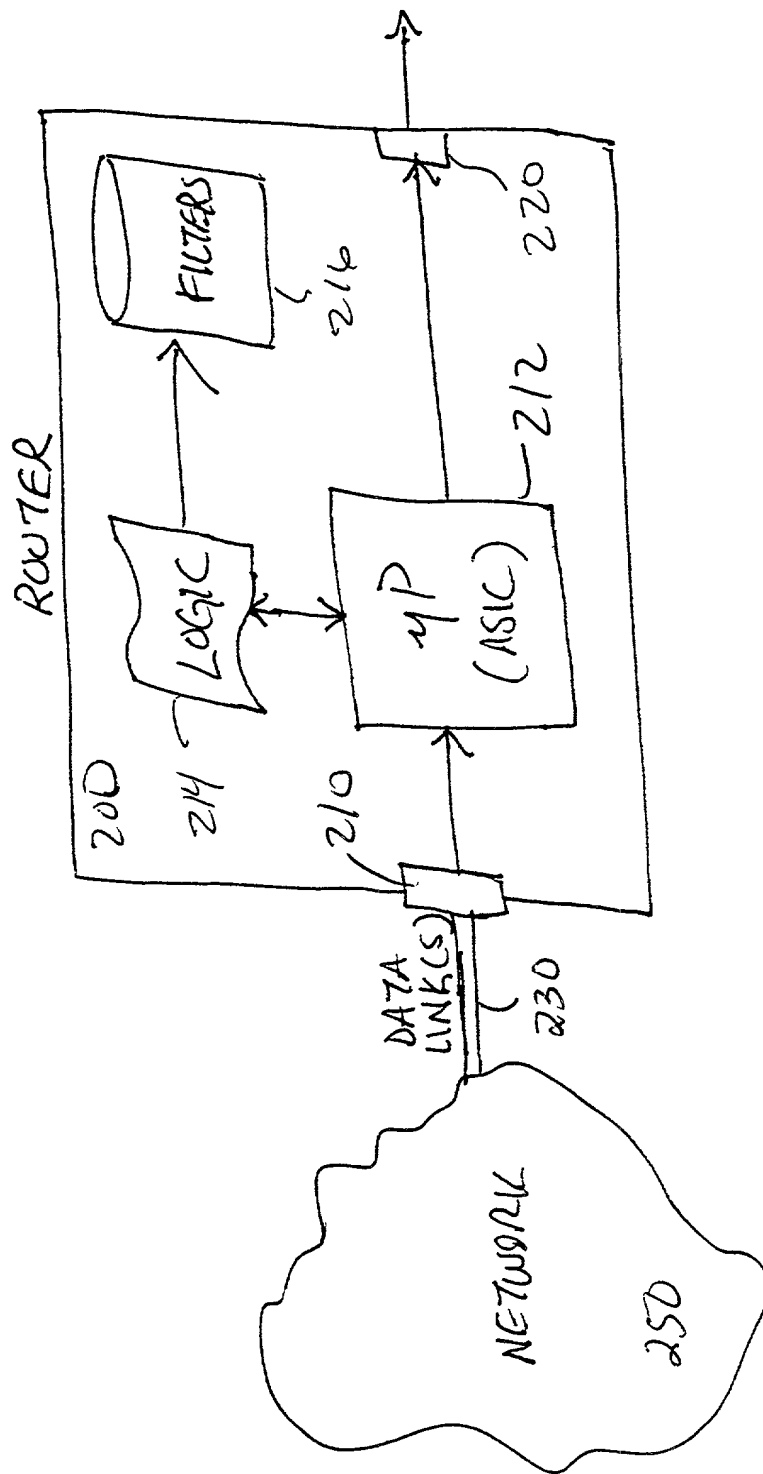


FIG. 7